

Little Scholars CDC of Detroit Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Little Scholars CDC of Detroit, 22420 Fenkell, Detroit, MI., on May 13th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Ethel Smith, April 27^{th} , 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355028

5/25/2016

27420 Fenkell

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Little Scholars-Fenkell, DC-01-KC-01-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/16/2016 14:00

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
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1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/13/2016 06:	15	5/20/2016

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

James Abston, Operations Manager

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ANALYTICAL REPORTS

SAMPLE CODE: 355029 5/25/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Little Scholars-Fenkell, DC-01-KC-01-F

Source City: Detroit

Source State:MI

Date/Time Received:

5/16/2016 14:00

Collected by:

M. Etters

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Fed Id # Contaminant	Method Stand	dard Units	LRL	Level	DF	Date/Time	Date	Date/Time
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ANALYTICAL REPORTS

SAMPLE CODE: 355030 5/25/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Little Scholars-Fenkell, DC-02-WC-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/16/2016 14:00

Collected by:

M. Etters

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Fed Id # Contaminant	Method Star	ndard	Units	LRL	Level	DF	Date/Time	Date	Date/Time
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			Inorgai	nic Analy	/tes - Metals				
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EC 200.8	

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ANALYTICAL REPORTS

SAMPLE CODE: 355031 5/25/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Little Scholars-Fenkell, DC-02-WC-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/16/2016 14:00

Collected by:

M. Etters

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Fed Id # Contaminant	Method Standard	Units LRL	Level	DF Date/Time	Date	Date/Time
			Detected	Sampled	Prepped	Analyzed
		Inorganic Anal	ytes - Metals			

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ANALYTICAL REPORTS

SAMPLE CODE: 355032 5/25/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Little Scholars-Fenkell, DC-02-BF-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/16/2016 14:00

Collected by:

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1030 Lead	200.8 0.015	Inorganic Anal mg/L 0.001	ytes - Metals 0.001	1 5/13/2016 06:1	15	5/20/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 355033 5/25/2016

Customer:

G. S. Group Monica Starks 17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Little Scholars-Fenkell, DC-02-BF-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/16/2016 14:00

Collected by:

M. Etters

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Fed Id # Contaminant	Method Standard	Units LRL	Level	DF	Date/Time	Date	Date/Time
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1030 Lead	200.8 0.015	mg/L 0.001	ND	1	5/13/2016 06:	15	5/20/2016

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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

Sample Number:

2077210

Order Date:

05/09/2016

Product:

Lead Only

Sample Paid: No

Payment Method:

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G. S. Group		For Laboratory Use ONLY
Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit Ave	MI 48203	Payment \$:
		Check #:
Date Sampled : 5 / 13 / 16	<u>5</u>	Lab Comments/Special Instructions:
Time Sampled: 6:15	Please Use Military Time, e.g. 3 00pm = 15.00	
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Client Name: Little Sx	cholars - Fenkall	
Phone Number: 313-5	35-5350	
Fax Number:		
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Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

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Sample Number:

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355029

Order Date:

05/09/2016

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Product:

Lead Only

Sample Paid: No

Payment Method:

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Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
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National TestingLaboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

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Order Date:

05/09/2016

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Lead Only

Sample Paid: No

Payment Method:

Sold To:	TSR: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit ,	MI 48203	Payment \$:
		Check #:
Date Sampled : 5/13/	16	Lab Comments/Special Instructions:
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Quality Water Analysis

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Order Date:

05/09/2016

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: G. S. Group For Laboratory Use ONLY Monica Starks Lab Accounting Information: 17800 Woodward Ave Payment \$:_ Detroit MI 48203 Check #: Lab Comments/Special Instructions: Date Sampled : 5/ 13/16 Check Time Zone: VEST CST MST PST Client Name: Little Scholars - Fenkell Phone Number: 313-535 - 5350 Fax Number: State Forms: PWS ID# (if applicable): Sample ID or Source: DC-07-WC-07-F Lab Sample Information: MAY, 1 6 2016 Source Type: Spring Well Municipal Surface **Date Received:** ☐ Other: Time Received:/ City & State: X Received By: (If Different than Above) Sample receipt criteria checked & acceptable Sample Collected By Deviations from acceptable sample receipt criteria noted on PSA form. Sample Collected By: Form Completed By:

Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077210

Order Date:

05/09/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

Cald Tax	TSR: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave		Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 13 16		
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Source Type: Spring Well	Municipal Surface	Date Received: MAY 1 6 2016
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National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077210

05/09/2016

Sample Number: Product:

Lead Only

Sample Paid: No

Payment Method:

355033

Sold To:	TSR: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks	•	Lab Accounting Information:
17800 Woodward Ave Detroit	MI 48203	Payment \$:
		Check #:
	Please Use Military Time, e.g. 3 00pm = 15.00 CST MST PST Scholars Fenkell	Lab Comments/Special Instructions:
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